

Work Order 349787 Details

ADDITIONAL UT INSPECTION BEYOND OSI INSPECTION_DEFERRED DURING 2011 S/D



WO Priority **4** WO CBD
 Path **RI \ DR \ 2DD \ 0955 \ 0955-PIPE \ 0955-007 \ 0955-007-001 (EQ)**
 EQ Location **0955-007-001 : C-1100 NO. 4 SIDECUT OUTLET**
 Asset **0000110906 : FIXED EQUIPMENT, PIPING, PROCESS**

Report 0040b

Richmond Refinery

Work-Sub Type RM-IR (Routine Maint \ Inspection Recommendation)
Status ACTIVE (WO - Has Task(s) In-Progress)
Safety? No
Mechanical? No
Attributes MOC-NA
Isolation Action

----- Status History		
Status	Change Date	Change By
DRAFT	24-JAN-2012	TBEA
WAPPR1	24-JAN-2012	TBEA
APRVD	24-JAN-2012	SIPR
PLAN	24-JAN-2012	RNHO
ACTIVE	24-JAN-2012	RNHO

Asset Criticality	Warranty Expiration
Brass Tag # 0955-007-001	Legacy UTC 0000110906
Classification 221	Asset Up? Yes

Failure Class PPIP	Rolled Up Est Cost \$0.00
Problem Code	Actual Cost to Date \$3,923.25
Cause	Cost Type MAINT
Remedy	Cost Object K.DCRRIO0281
Eq Breakdown? No	

SCD	MCD	ECD
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Reported By Beauregard, John **INSPECTION** **Phone #** 242-5187 **Date Reported** 24-Jan-2012
On Behalf Of **Phone #**
Add'l Contact

Description ADDITIONAL UT INSPECTION BEYOND OSI INSPECTION_DEFERRED DURING 2011 S/D
Long Description INFORMATION

During the 4Q 2011 4 Crude unit S/D the 4 S/C line in the crude unit was found thinning due to sulfidation corrosion. The 8" carbon steel section leaving the column, C-1100 to the P-1149 pumps was not replaced at this time. It was determined that the circuit would make the 5 year run based on corrosion rates and a calculated T-Min. This inspection is in lieu of the high temp sensors denied on TAW 16221, REC-96599

DED Info

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For the P-1149 suction piping t(min):

1. 8? pipe:
- a. Pressure t(min) = 0.018 inch
- b. Structural t(min) = 0.036 inch

RECOMMENDATIONS

1. Provide a budget for a series of 2 complete inspections on this circuit.
2. Perform baseline RT inspection at all additional Data point.
3. Perform follow up inspection at selected data points on 6 month intervals and extend the intervals based on the information.
4. Look into installing high temperature sensors on the circuit to monitor corrosion rates.

Contact John Beauregard 2-5187 with questions or concerns.

****Material, Fabrication, Welding, Inspection and Testing shall be performed in accordance with the Richmond Refinery - Metals Craft, Quality Assurance Procedures.**

WO Attachments? No

Hazards & Requirements		
Type	Record ID	Description
Hazard	*OTHER	Other Hazard Not On List
Requirement	*OTHER	Other Req / Precaution (Use Long Text) --->
Requirement	PERMIT	Permit(s) Required/Specify

Tasks for Work Order					Current Status		
Task	Seq	Planner	Crew	Description	Status	Change Date	Change By
001		RNHO		MISTRAS/ Additional UT inspection beyond OSI inspection_deferred during 2011 S/D	INPRG	28-FEB-2012	LWLE

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Summary Costs		Total Estimates = \$0.00					Total Actuals = \$3,923.25				
Task	Description	Labor	Mat'l	Svc	Tool	Total	Labor	Mat'l	Svc	Tool	Total
349787-001	MISTRAS/ Additional UT inspection beyond OSI...	0	0	0	0	0	3723	0	0	200	3923

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Report Summary & Selection Criteria

Total Work Orders Reported: 1

PassedParameters: mroApp = WOTRACK; AppWhere = ((workorder.workorderid = 1002006)); ReportWhere = ; pTaskDisplay = ; OrgID = 0061; SiteID = DRRI;